

State of Alaska FY2003 Governor's Operating Budget

Department of Community & Economic Development Alaska Energy Authority Circuit Rider Component Budget Summary

Component: Alaska Energy Authority Circuit Rider

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Component Mission

To increase the reliability and efficiency of rural electric systems and to respond quickly and effectively to electrical emergencies.

Component Services Provided

The Circuit Rider program offers preventive maintenance services, on-site operator training, and emergency response to rural electric utilities, specifically the smaller utilities that have difficulty acquiring and maintaining the necessary technical skills. AEA contracts with private sector firms to provide these services, supplementing with AEA field staff when necessary.

The contract personnel providing these services include qualified plant operators, electricians and linemen. They visit the participating communities on a quarterly or semi-annual basis, depending on the conditions of the electrical systems, local operator skills and utility management. Inspection, testing, and preventive maintenance is performed on diesel engines, generators, control panels, metering systems and other related components. The contractors are assisted by the local plant operators, who acquire training and skills in the process.

As described in our capital budget request for electrical emergency funds, circuit rider contractors are also dispatched to participating communities when power failures occur that the local utility is unable to resolve.

Component Goals and Strategies

Ensure that small diesel power plants, especially those constructed or financed by the State, are properly maintained for safe and reliable service over their expected lives.

Conduct preventive maintenance and repair on a quarterly basis for rural electric utilities that lack the necessary in-house capability.

Conduct on-site operator training needed for local labor to take on regular preventive maintenance tasks.

Reduce the number of electrical emergencies in rural Alaska.

Key Component Issues for FY2002 – 2003

During FY02, AEA has directed its Circuit Rider contractors to assist in training of local power plant operator's in the routine maintenance and operation of their power plant equipment, This training will help prevent future emergencies in communities throughout Alaska.

Major Component Accomplishments in 2001

Provided circuit rider maintenance services to 80 communities.

Gathered data from the electrical utilities to build an electronic database for priorities future projects in communities.

Responded to electrical emergencies in 8 communities, all of the emergencies were due to diesel engine failure.

Statutory and Regulatory Authority

AS 42.45

Alaska Energy Authority Circuit Rider

Component Financial Summary

All dollars in thousands

	FY2001 Actuals	FY2002 Authorized	FY2003 Governor
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	0.0	0.0	0.0
72000 Travel	0.0	0.0	0.0
73000 Contractual	0.0	0.0	300.0
74000 Supplies	0.0	0.0	0.0
75000 Equipment	0.0	0.0	0.0
76000 Land/Buildings	0.0	0.0	0.0
77000 Grants, Claims	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
Expenditure Totals	0.0	0.0	300.0
Funding Sources:			
1002 Federal Receipts	0.0	0.0	100.0
1004 General Fund Receipts	0.0	0.0	200.0
Funding Totals	0.0	0.0	300.0

Estimated Revenue Collections

Description	Master Revenue Account	FY2001 Actuals	FY2002 Authorized	FY2002 Cash Estimate	FY2003 Governor	FY2004 Forecast
Unrestricted Revenues						
None.		0.0	0.0	0.0	0.0	0.0
Unrestricted Total		0.0	0.0	0.0	0.0	0.0
Restricted Revenues						
Federal Receipts	51010	0.0	0.0	0.0	100.0	100.0
Restricted Total		0.0	0.0	0.0	100.0	100.0
Total Estimated Revenues		0.0	0.0	0.0	100.0	100.0

Alaska Energy Authority Circuit Rider

Proposed Changes in Levels of Service for FY2003

This program insures the reliable and efficient performance of electrical systems in rural Alaska communities and works towards completion of an inventory and assessment of facilities annually to update the Alaska Energy Authority's (AEA) database. A funding source change switching a portion of federal funds to general funds is requested because a stable source of federal funds is not available.

Summary of Component Budget Changes

From FY2002 Authorized to FY2003 Governor

All dollars in thousands

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
FY2002 Authorized	0.0	0.0	0.0	0.0
Adjustments which will continue current level of service:				
-Transfer Funding from Rural Energy BRU to new AK Energy Authority BRU and component	200.0	100.0	0.0	300.0
FY2003 Governor	200.0	100.0	0.0	300.0